

Neural Development

Spring, 2014

13:30-15:20, Wednesday at Rm. B100, Interdisciplinary Research Building for Science and Technology

Course Code: (NYM&TIGP-INS), 2 credits

Organizer: Dr. Chi-Kuang Yao & Shen-Ju Chou

Date	Topic	Lecturer 講者	Personal Website
2/19	Introduction on neural development	Dr. Cheng-Ting Chien 簡正鼎	
2/26	Neural induction and polarity	Dr. Jun-An Chen 陳俊安	Dr. Jun-An Chen
3/5	Neural induction and polarity	Dr. Jun-An Chen 陳俊安	Dr. Jun-An Chen
3/12	Neuronal specification, patterning and migration	Dr. Shen-Ju Chou 周申如	Dr. Shen-Ju Chou
3/19	Axon guidance, target selection and connection	Dr. Hwai-Jong Cheng 程淮榮	Dr. Hwai-Jong Cheng
3/26	Neuronal specification, patterning and migration	Dr. Shen-Ju Chou 周申如	Dr. Shen-Ju Chou
4/2	Axon guidance, target selection and connection	Dr. Hwai-Jong Cheng 程淮榮	Dr. Hwai-Jong Cheng
4/9	Synapse formation, function and maintenance	Dr. Chi-Kuang Yao 姚季光	Dr. Chi-Kuang Yao
4/16	Mid-term Exam	course organizer 開課老師	
4/23	Synapse formation, function and maintenance	Dr. Chi-Kuang Yao 姚季光	Dr. Chi-Kuang Yao
4/30	Determination of neurite fate	Dr. Pei-Lin Cheng 鄭珮琳	Dr. Pei-Lin Cheng
5/7	Refinement of neuronal connections	Dr. Hung-Hsiang Yu 游宏祥	Dr. Hung-Hsiang Yu
5/14	Refinement of neuronal connections	Dr. Shen-Ju Chou 周申如	Dr. Shen-Ju Chou
5/21	Neural Developmental Disease-1	Dr. Yung-Feng Liao 廖永豐	Dr. Yung-Feng Liao
5/28	Neural Developmental Disease-2	Dr. Yung-Feng Liao 廖永豐	Dr. Yung-Feng Liao
6/4	The evolution of nervous system	Dr. Jr-Kai Yu 游智凱	Dr. Jr-Kai Yu
6/11	Summary	姚季光 周申如	Dr. Chi-Kuang Yao Dr. Shen-Ju Chou
6/18	Final Exam	course organizer 開課老師	

- Organizer: Dr. Chi-Kuang Yao, e-mail: ckyao@gate.sinica.edu.tw ; Tel: 02-27855696 ext 6070
Dr. Shen-Ju Chou, e-mail: schou@gate.sinica.edu.tw ; Tel: 02-2789-9530
- Textbooks: Development of the Nervous System (3rd) by Dan H. Sanes et al.
- Grading: homework, or mid/final exams.